

Spill Plan

Revision Log

Version Number	Date Approved	Pages Affected	Description of Revisions
1.0	3/2/01	All	Initial Issue

Approvals

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3/1/01
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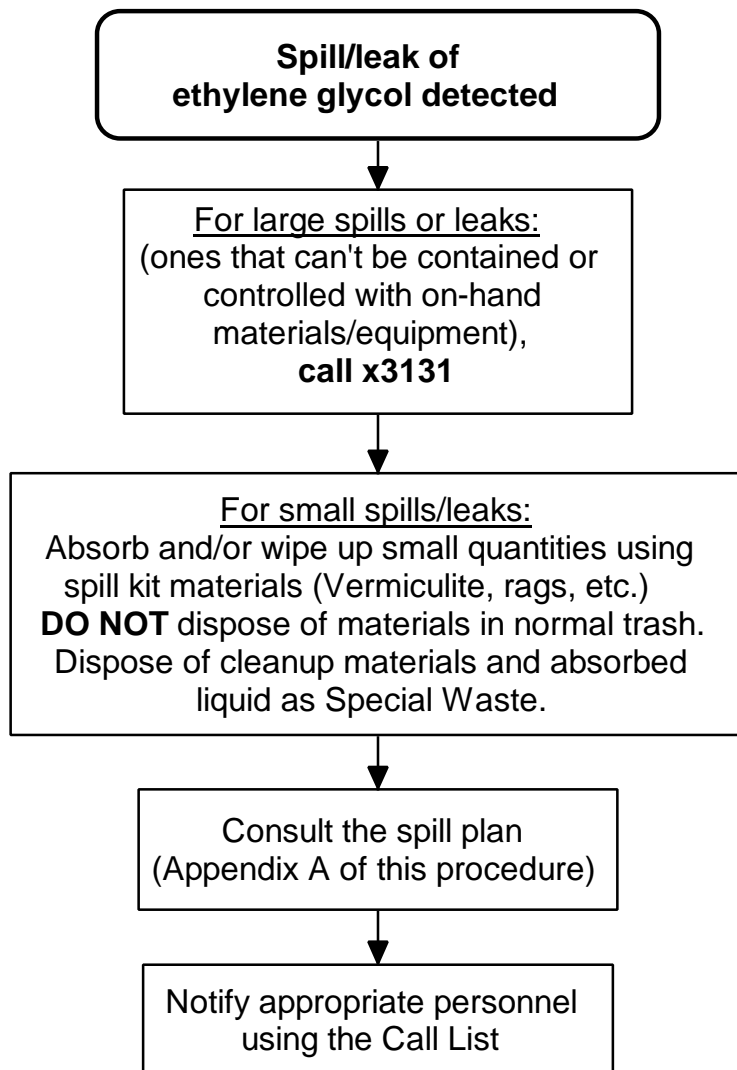
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1 FLOW CHART



2 REFERENCES

- A. Material Safety Data Sheet (see Right-To-Know Station)

3 APPENDICES

- A. Ethylene Glycol Spill Plan For DØ Silicon Chiller

Appendix A

Ethylene Glycol Spill Plan For DØ Silicon Chiller

The following general rules should be followed in the event of a spill/release:

- [1] Alert personnel in the area of the spill and restrict access to the area as needed.
- [2] Dial 3131 if the size of the spill or nature of the spilled material makes it readily apparent that the situation cannot be safely stabilized using locally available resources (personnel and equipment). Do this from a safe location.
- [3] IF personnel are exposed, THEN do the following, depending on the exposure pathway:
 - [a] Inhalation: Remove to fresh air. Not expected to require first aid measures.
 - [b] Ingestion: Get medical advice.
 - [c] Skin Contact: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Follow up with medical care to be sure irritation does not develop.
 - [d] Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Follow up with medical care to be sure eyes have been properly irrigated and eye infection is not present.

CAUTION *Avoid skin contact. Do not heat this material. It can burn and produce poisonous gases. Rubber gloves must be worn and additional PPE may be required for clean up.*

- [4] Read the MSDS Sheets for ethylene glycol.
- [5] Limit accesses to the spill area and, if possible without risking injury, control the source of the spill and limit the spread of contamination.

NOTE *The fenced silicon chiller area on the south sidewalk is protected by secondary containment. Verify that the spill/leak is contained, if within this area.*

- [6] Prevent releases to the environment (sanitary sewer, sinks, drains, storm sewer system, or the ground) but do not jeopardize personal safety to do so. This may involve disabling power to area sump pumps.
- [7] IF glycol gets into a drain, THEN document approximately how much went into the system and which drain it went down.
- [8] IF the spill or leak involves something more than just a few gallons that remains confined, THEN contact personnel on the Notification Call List to determine what should be done to recover as much of the spilled material as possible.

NOTE *This type of glycol can be absorbed with vermiculite, dry sand, or rags. A "Spill Kit" is located on the DAB south sidewalk near the cooling system.*

- [9] Contact the DØ Waste Coordinator to arrange for proper disposal of glycol-contaminated waste (rags, sand, vermiculite, etc.). It must be handled and disposed of as special waste. DO NOT dispose of in the normal trash.
- [10] Verify that personnel on the Notification Call List have been notified in the event of a significant leak, spill, or any potential discharge to the environment.